

SECTION 84

TRAFFIC STRIPES AND PAVEMENT MARKINGS

Traffic stripes and pavement markings shall conform to Section 84 of the Caltrans Standard Specifications and these City Standard Specifications.

84-1 GENERAL

84-1.01 Description. - The traffic striping and pavement message markings shall conform to the standards, dimensions, and details as specified in the "Manual on Uniform Traffic Control Devices for Streets and Highways," U.S. Department of Transportation, Federal Highway Administration and the Caltrans "Traffic Manual."

84-1.05 Striping Pattern. - Traffic striping is classified by pattern of the center line or lane line and the marking line as follows:

Single Traffic Stripe	-	4 inch wide broken yellow line for center line or white for lane line.
Two-way Barrier Stripe	-	Double 4 inch wide solid yellow lines with 3 inch space between lines.
One-way Barrier Stripe	-	Double 4 inch wide yellow lines, one line broken and the other line solid, with 3 inch space between lines.
Edge Stripe	-	3 inch wide solid white line.
Stop Bar	-	Solid 12 inch wide white line.
Crosswalk Lines	-	Solid 12 inch wide white line each side of crosswalk boundary.

The pattern and color of traffic striping shall be as shown on the plans or as directed by the Engineer.

84-1.06 Message Unit. - Pavement message markings are classified by unit for the message conveyed as shown in the manuals referenced in Section 84-1.01.

The message marking shall be as shown on the plans or as directed by the Engineer.

84-2 THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS

84-2.02 Materials. - Thermoplastic traffic stripe material is classified by color only as either white or traffic yellow.

84-2.04(A) Removal. - Thermoplastic stripes and markings on existing surfacing shall be removed by grinding before placement of asphaltic concrete overlay.

84-3 PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS

84-3.02 Materials. - Delete Rapid Dry Solvent Borne and Rapid Dry Water Borne paints from Section 84-3.02 "Materials" of the Caltrans Standard Specifications.

84-3.05 Application. - The finished paint shall have an opaque, well painted appearance, with no black or other discolorations showing through.

In restriping broken lines, the newly painted line shall exactly coincide with the original painting.

Traffic paint shall be applied at the following rates:

BROKEN STRIPE

First Painting

New surface, first coat	4 to 5 gallons per mile
Second coat	7 to 7.4 gallons per mile
Glass beads with second coat . . .	42 pounds per mile

Restriping	7 to 7.4 gallons per mile
Glass beads	42 pounds per mile

SOLID STRIPE

First Painting

New surface, first coat	12 to 14 gallons per mile
Second coat	16 to 18 gallons per mile
Glass beads with second coat . . .	110 pounds per mile

Restriping	16 to 18 gallons per mile
Glass beads	110 pounds per mile
Black traffic paint	8 gallons per mile

PAVEMENT MARKINGS

First Painting - Light Application to Seal Pavement

Second coat	1 gallon per 100 square feet
Glass beads	6 pounds per gallon of paint

Repainting	1 gallon per 100 square feet
Glass beads	6 pounds per gallon of paint

When specified in the special provisions for single application of traffic paint, the rates shown for "second coat" shall apply.

84-3.05A Temporary Striping. - Self-sticking traffic marking tape, vinyl or otherwise, developed for such use, shall be used for temporary striping as required, unless shown otherwise on the plans or specified in the special provisions.